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RENESAS TECHNICAL UPDATE

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Product Category	MPU&MCU		Document No.	TN-32R-061A/EA	Rev.	1.00
Title	Notice regarding release of the M32R/ECU Starter Kit		Information Category	Usage Limitation		
Applicable Product	32170/32174 Group-compliant M3A-2114G52, 32171 Group-compliant M3A-2114G62, 32172/32173 Group-compliant M3A-2114G72, 32176 Group-compliant M3A-2152G52, 32180 Group-compliant M3A-2142G52, and 32182 Group-compliant M3A-2142G62	Lot No. ---	Reference Document	TN-32R-060A/EA		

After May 1, 2004, the starter-kit with the M32100T-EZ-E M32R emulator is recommended to buy as the M32R/ECU starter-kit. The starter-kit with the M3A-2195 M32R/ECU simplified emulator will be discontinued.

Date for discontinuance of starter-kit and support status

Discontinuance Date	Status until discontinuance date
December 1, 2004	**The starter-kits with the M3A-2195 are available.**

Reference chart of discontinued and succeeding starter-kits

Applicable MCU	Discontinued starter-kit	Succeeding starter-kit	Scheduled date for release
32170/32174 Group	M3A-2114G52	M3A-2114G52A(Under development)	May,2004
	M3A-2128G50	M3A-2128G50A(Under development)	May,2004
32171 Group	M3A-2114G62	M3A-2114G62A(Under development)	May,2004
32172/32173 Group	M3A-2114G72	M3A-2114G72A(Under development)	May,2004
32176 Group	M3A-2152G52	M3A-2152G52A(Under development)*1	March,2004
32180 Group	M3A-2142G52	M3A-2142G52A(Under development)*2	March,2004
32182 Group	M3A-2142G62	M3A-2142G62A(Under development)*2	March,2004

*1:The M3A-2191 connector-pitch-converter is removed from the successor.

*2:The M3A-2143G04 MCU pin processing board and the M3A-2191 are removed from the successor.

Comparison in starter-kit components

	Successor	Discontinued
Evaluation board	Compliant with M32R family MCUs *3	
Simplified emulator *4 (Host machine communication interface)	M32100T-EZ-E *5(USB)	M3A-2195 (LPT)
Simplified Debugger software	M3T-PD32RM	M3S-KD32R

*3:Sub-boards are removed. For details, refer to the reference chart above.

*4:As for differences in the function and support, refer to “Technical Update No.TN-32R-060A/EA”.

*5:The M32100T-EZ-E included in the starter-kit is a limited version to MCUs including an evaluation board.

Reason for discontinuance of starter-kit with M3A-2195

Depending on the host machine communication interface, the M3A-2195 via LPT and the M32100T-EZ-E via USB are supported as the M32R/ECU simplified emulators. However, with USB being embedded in the majority of personal computers, the M32100T-EZ-E will be enhanced and the M3A-2195 will be discontinued. Thus the starter-kit with M3A-2195 will also be discontinued.

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